
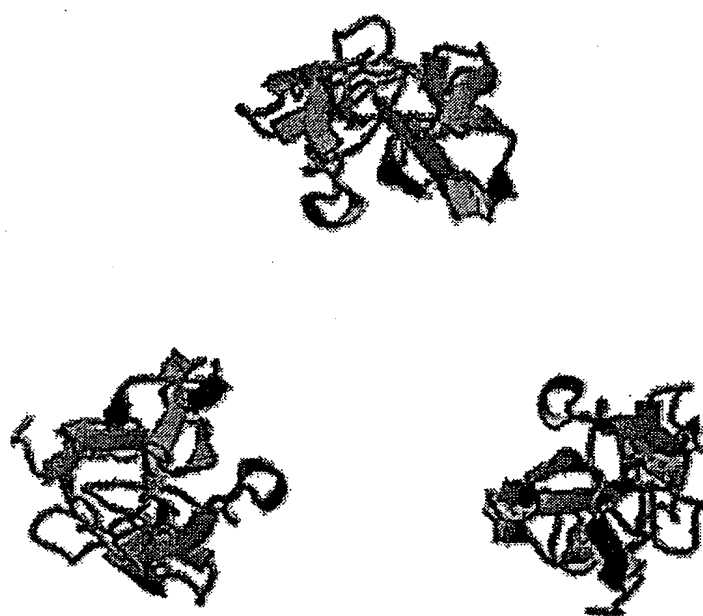


FIGURE 1



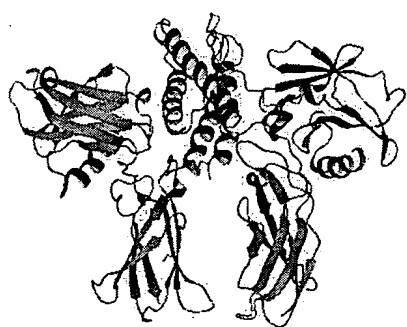
Dimer interface

FIGURE 2



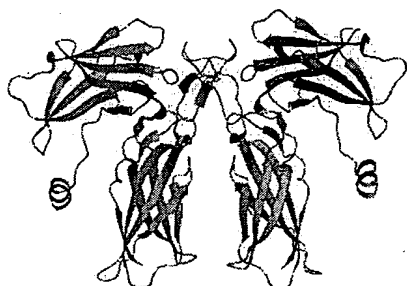
TNFR trimer

FIGURE 4

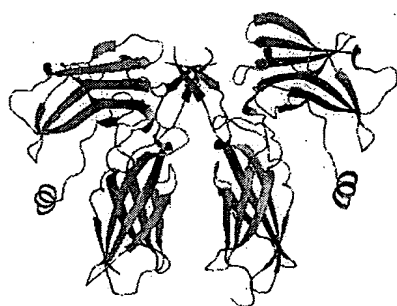


EPO-(EPOR)₂
Natural protein

Potent agonist

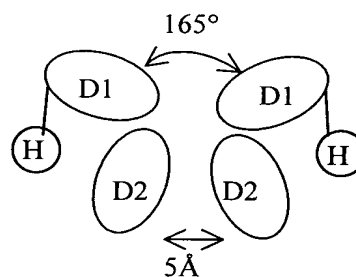
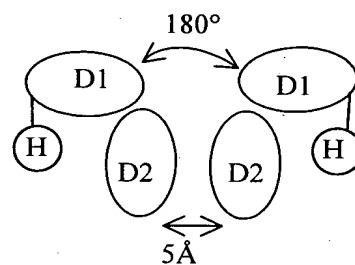
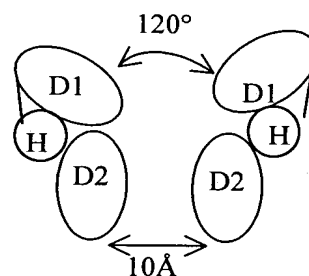


(EMP1-EPOR)₂
Weak agonist



(EMP33-EPOR)₂
Antagonist

EPOR complexes with ligands



EPOR complexes without ligands

FIGURE 5

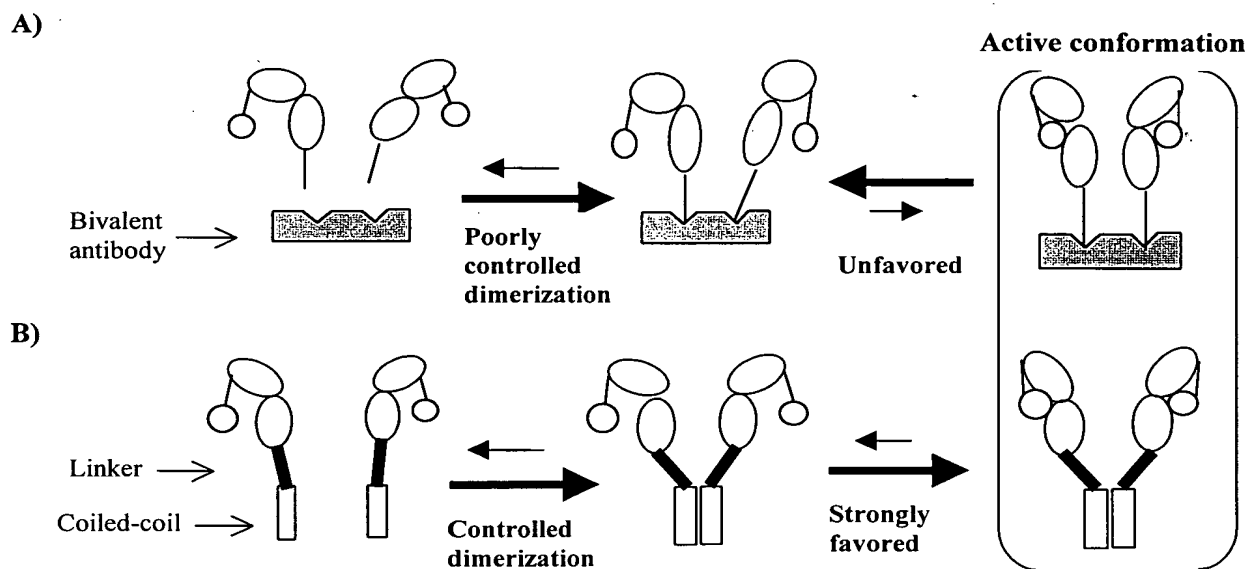


FIGURE 6

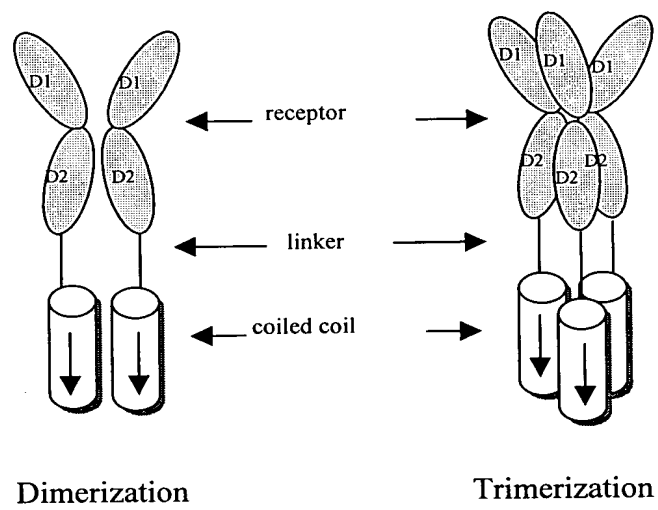


FIGURE 7

Query: 1 APPPNLPDP 9

10 20 30 40 50 60
Query: 10 KFESKAALLAARGPEELLCTERLEDLVCFWEEAASAGVGPGNYSFSYQLEDEPWKLCRL 69

Subject: 1 KFESKAALLAARGPEELLCTERLEDLVCFWEEAASAGVGPGNYSFSYQLEDEPWKLCRL 60

PDA sites	*	*	*	*
lebp_d1_e2		F	F	
lebp_d1	F	F	F	
lebp_d2				
lebp_d12	F	F	F	
leer_d1		F	F	
leer_d1_211		F	I	I
leer_d1_422	F	F	F	
leer_d2				
leer_d2_211				
leer_d2_422				
lblw_d1		F	F	
lblw_d1_211		F	F	
lblw_d1_422		F	F	
lblw_d2				
lblw_d2_211				
lblw_d2_422				

elbow_PDA	*	*	***	*	*	*
leer_ew			F			
leer_ew1		L		L	I	
leer_ew2			F W			
lblw_ew	L		Y V		I	
lblw_ew1	W	L	I	L	L	
lblw_ew2	L		W Y		I	
lebp_ew	Y	L	YW	Y	I	
lebp_ew1	A	Y	Y	Y	I Y	
lebp_ew2	Y	L	IYW	Y	I Y	
leer_17_ew1	K	M	M		E	
leer_17_ew2		S	K W		Q	
lebp_17_ew1	Q	R	ND	R	E Y	

FIGURE 8A

70 80 90 100 110 120
 Query: 70 HQAPTARGAVRFWCSLPTADTSSSFVPLELRVTAASGAPRYHRVIHINEVVLLDAPVGLVA 129
 Subject: 61 HQAPTARGAVRFWCSLPTADTSSSFVPLELRVTAASGAPRYHRVIHINEVVLLDAPVGLVA 120

PDA sites	*	*	*	*	*	*	*	*	*
lebp_d1_e2	I					F			
lebp_d1	I				L	F			
lebp_d2									
lebp_d12	I				L	F			
leer_d1	I					F			
leer_d1_211	Y			F		F			
leer_d1_422	I				L				
leer_d2									
leer_d2_211									
leer_d2_422									
lblw_d1	I				L	F			
lblw_d1_211	I				L	F			
lblw_d1_422	I				L	F			
lblw_d2									I V
lblw_d2_211									
lblw_d2_422									I
elbow_PDA									**
leer_ew									
leer_ew1									
leer_ew2									
lblw_ew									
lblw_ew1								F	
lblw_ew2									
lebp_ew								W	
lebp_ew1								Y	
lebp_ew2								W	
leer_17_ew1									
leer_17_ew2									
lebp_17_ew1									EM

FIGURE 8B

130 140 150 160 170 180
 Query: 130 RLADESGHVLRWLPPTTPMTSHIRYEVDVSAGNGAGSVQRVEILEGRTECVLSNLRGR 189
 Subject: 121 RLADESGHVLRWLPPTTPMTSHIRYEVDVSAGNGAGSVQRVEILEGRTECVLSNLRGR 180

PDA sites	* * *	* * *	*	*
lebp_d1_e2				
lebp_d1				
lebp_d2	I	F L I	L	
lebp_d12	I	F L I	L	
leer_d1				
leer_d1_211				
leer_d1_422				
leer_d2		W I I		
leer_d2_211		F I I		
leer_d2_422		W L I		
lblw_d1				
lblw_d1_211				
lblw_d1_422				
lblw_d2	I I	F I I		
lblw_d2_211				
lblw_d2_422	I I	F I I		
elbow_PDA				
leer_ew				
leer_ew1				
leer_ew2				
lblw_ew				
lblw_ew1				
lblw_ew2				
lebp_ew				
lebp_ew1				
lebp_ew2				
leer_17_ew1				
leer_17_ew2				
lebp_17_ew1				

FIGURE 8C

Query: 190 200 210 220
 190 TRYTF AVR RARMAEPSFGGFW SAWSEPVSLLT 220 PSDLD 225

Subject: 181 TRYTF AVR RARMAEPSFGGFW SAWSEPVSLLT 211

PDA sites	* * * *	*	*
lebp_d1_e2			
lebp_d1			
lebp_d2	I I		
lebp_d12	I I		
leer_d1			
leer_d1_211			
leer_d1_422			
leer_d2	F V		F
leer_d2_211	V		F
leer_d2_422	F		I
lblw_d1			
lblw_d1_211			
lblw_d1_422			
lblw_d2	I I I		I
lblw_d2_211			
lblw_d2_422	I L I		

elbow_PDA	**	*
leer_ew	W	
leer_ew1		Y
leer_ew2	WF	
lblw_ew	WI	
lblw_ew1	IY	
lblw_ew2	WI	
lebp_ew	W	
lebp_ew1	W	
lebp_ew2	W	
leer_17_ew1	ME	Y
leer_17_ew2	WE	
lebp_17_ew1	N	

FIGURE 8D